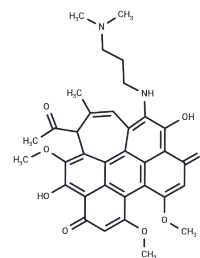


SL-017

Chemical Properties

CAS No. : 1169831-01-9
 Formula: C₃₄H₃₄N₂O₈
 Molecular Weight: 598.64
 Appearance: no data available
 Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	SL-017 (ACP-SL-017, ACPSL-017, ACP-SL-017) is a Hypocrellin-B (Hb) derivative and photosensitization agent that may be used to treat abnormal hair growth. SL017 targets the mitochondria and causes the mitochondrial membrane potential to collapse, producing ROS, which in turn leads to mitochondrial rupture.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6705 mL	8.3523 mL	16.7045 mL
5 mM	0.3341 mL	1.6705 mL	3.3409 mL
10 mM	0.167 mL	0.8352 mL	1.6705 mL
50 mM	0.0334 mL	0.167 mL	0.3341 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Reference

El-Sikhry HE, Miller GG, Madiyalakan MR, Seubert JM. Sonodynamic and photodynamic mechanisms of action of the novel hypocrellin sonosensitizer, SL017: mitochondrial cell death is attenuated by 11, 12-epoxyeicosatrienoic

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